



DEPARTMENT OF THE AIR FORCE  
59TH MEDICAL WING (AETC)  
JOINT BASE SAN ANTONIO - LACKLAND TEXAS

19 APR 2016

MEMORANDUM FOR SGVT

ATTN: CAPT DOUGLAS B WALTON

FROM: 59 MDW/SGVU

SUBJECT: Professional Presentation Approval

1. Your paper, entitled **A Case of Epidermal Nervous Syndrome with a Novel Association of Congenital Cystic Dysplastic Kidney with Numerous Nephroblastic Proliferations** presented at/published to **College of American Pathologists Annual Meeting, Las Vegas, NV 25-28 Sep 2016** with MDWI 41-108, and has been assigned local file #16155.
2. Pertinent biographic information (name of author(s), title, etc.) has been entered into our computer file. Please advise us (by phone or mail) that your presentation/publication was given. At that time, we will need the date (month, day and year) along with the location of your presentation. It is important to update this information so that we can provide quality support for you, your department, and the Medical Center commander. This information is used to document the scholarly activities of our professional staff and students, which is an essential component of Wilford Hall Ambulatory Surgical Center (WHASC) internship and residency programs.
3. Please know that if you are a Graduate Health Sciences Education student and your department has told you they cannot fund your publication, the 59th Clinical Research Division may pay for your basic journal publishing charges (to include costs for tables and black and white photos). We cannot pay for reprints. If you are 59 MDW staff member, we can forward your request for funds to the designated wing POC.
4. Congratulations, and thank you for your efforts and time. Your contributions are vital to the medical mission. We look forward to assisting you in your future publication/presentation efforts.

Linda Steel-Goodwin

LINDA STEEL-GOODWIN, Col, USAF, BSC  
Director, Clinical Investigations & Research Support



DEPARTMENT OF THE AIR FORCE  
AIR EDUCATION AND TRAINING COMMAND

7 April 2016

MEMORANDUM FOR 59 MDW

ATTN: CAPT DOUGLAS B. WALTON

FROM: 502 ISG/JA

SUBJECT: Ethics Review for Poster

1. Capt Douglas B. Walton, the primary author, submitted a request for a legal review of a poster he plans to present at a professional society meeting. The poster is titled "A Case of Epidermal Nevus Syndrome with a Novel Association of Congenital Cystic Dysplastic Kidney with Numerous Nephroblastic Proliferations." Capt Walton plans to demonstrate the poster at the College of American Pathologists Annual Meeting in Las Vegas, Nevada on 25-28 September 2016. The abstract submitted included the required disclaimer discussed below. A Public Affairs review will be required if it has not already been obtained. There are no conflict of interest issues with demonstration of the poster at the above-mentioned forum.

2. FACTS: Capt Walton plans to demonstrate the poster titled "A Case of Epidermal Nevus Syndrome with a Novel Association of Congenital Cystic Dysplastic Kidney with Numerous Nephroblastic Proliferations" at the College of American Pathologists Annual Meeting.

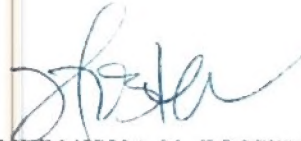
3. LAWS AND REGULATIONS: DoD 5500.07-R, Joint Ethics Regulation (JER), section 3-305 lays out rules governing "Teaching, Speaking and Writing." If the publication will "deal in significant part with any ongoing or announced policy, program or operation" of the Air Force, the author is required to include a disclaimer that states the "views presented are those of the speaker or author and do not necessarily represent the views of DoD or its Components."

4. ANALYSIS: The poster does not "deal in significant part with any ongoing or announced policy, program or operation" of the Air Force; however, the presenter's affiliation with the military will be included in the presentation. Therefore, the authors included the required disclaimer that the views presented are those of the authors and do not necessarily represent the views of DoD or its Components on the abstract submitted for review. Although the disclaimer language included on the abstract is not verbatim from the JER, the language used is appropriate and clearly captures the intent of the language used in the JER. A Public Affairs review will be needed if it has not already been obtained. There are no apparent conflicts of interest that would prohibit demonstration of the poster.

5. CONCLUSIONS: The abstract for review included the disclaimer required by the JER. The disclaimer must be also be included on the poster. There are no conflicts of interest.

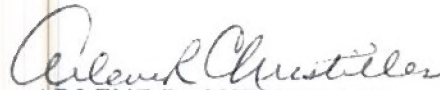
*CONFIDENTIALITY NOTICE: This opinion contains attorney-work product and information protected under the attorney-client privilege, both of which are protected from disclosure under the Freedom of Information Act, 5 U.S.C. §552. Do not release this document without the prior consent of 502 ISG/JA.*

6. If you have any questions, please call me at 210-671-5771.



VERNISHA N. FOSTER, Capt  
Assistant Staff Judge Advocate



I concur.



ARLENE R. CHRISTILLES  
Chief, Civil Law

*CONFIDENTIALITY NOTICE: This opinion contains attorney-work product and information protected under the attorney-client privilege, both of which are protected from disclosure under the Freedom of Information Act, 5 U.S.C. §552. Do not release this document without the prior consent of 502 ISG/JA.*



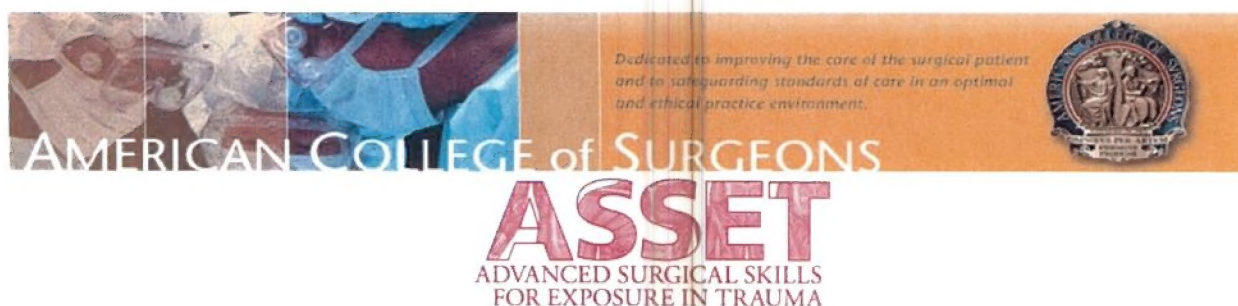
PROCESSING OF PROFESSIONAL MEDICAL RESEARCH/TECHNICAL PUBLICATIONS/PRESENTATIONS			
1. TO: CLINICAL RESEARCH	2. FROM: (Author's Name, Rank, Grade, Office Symbol) Douglas B. Walton, Capt, O-3, SGVT	3. GME/GHSE STUDENT: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	4. PROTOCOL NUMBER: Case Report
5. PROTOCOL TITLE: (NOTE: For each new release of medical research or technical information as a publication/presentation, a new 59 MDW Form 3039 must be submitted for review and approval.) A Case of Epidermal Nevus Syndrome with a Novel Association of Congenital Cystic Dysplastic Kidney with Numerous Nephroblastic Prolif			
6. TITLE OF MATERIAL TO BE PUBLISHED OR PRESENTED: A Case of Epidermal Nevus Syndrome with a Novel Association of Congenital Cystic Dysplastic Kidney with Numerous Nephroblastic Prolif			
7. FUNDING RECEIVED FOR THIS STUDY? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO FUNDING SOURCE:			
8. DO YOU NEED FUNDING SUPPORT FOR PUBLICATION PURPOSES: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			
9. IS THIS MATERIAL CLASSIFIED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			
10. IS THIS MATERIAL SUBJECT TO ANY LEGAL RESTRICTIONS FOR PUBLICATION OR PRESENTATION THROUGH A COLLABORATIVE RESEARCH AND DEVELOPMENT AGREEMENT (CRADA), MATERIAL TRANSFER AGREEMENT (MTA), INTELLECTUAL PROPERTY RIGHTS AGREEMENT ETC.? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO NOTE: If the answer is YES then attach a copy of the Agreement to the Publications/Presentations Request Form.			
11. MATERIAL IS FOR: <input checked="" type="checkbox"/> DOMESTIC RELEASE <input type="checkbox"/> FOREIGN RELEASE CHECK APPROPRIATE BOX OR BOXES FOR APPROVAL WITH THIS REQUEST. ATTACH COPY OF MATERIAL TO BE PUBLISHED/PRESENTED.			
<input type="checkbox"/> 11a. PUBLICATION/JOURNAL (List intended publication/journal.)			
<input type="checkbox"/> 11b. PUBLISHED ABSTRACT (List intended journal.)			
<input type="checkbox"/> 11c. POSTER (To be demonstrated at meeting: name of meeting, city, state, and date of meeting.) College of American Pathologists Annual Meeting, Las Vegas, NV Sep 25-28			
<input type="checkbox"/> 11d. PLATFORM PRESENTATION (At civilian institutions: name of meeting, state, and date of meeting.)			
<input type="checkbox"/> 11e. OTHER (Describe: name of meeting, city, state, and date of meeting.)			
12. EXPECTED DATE WHEN YOU WILL NEED THE CRD TO SUBMIT YOUR CLEARED PRESENTATION/PUBLICATION TO DTIC NOTE: All publications/presentations are required to be placed in the Defense Technical Information Center (DTIC).			
DATE May 2016			
13. 59 MDW PRIMARY POINT OF CONTACT (Last Name, First Name, M.I., email) Walton, Douglas, B. douglas.b.walton.mil@mail.mil			14. DUTY PHONE/PAGER NUMBER 210-916-5769 / 210-513-7977
15. AUTHORSHIP AND CO-AUTHOR(S) List in the order they will appear in the manuscript.			
LAST NAME, FIRST NAME AND M.I.	GRADE/RANK	SQUADRON/GROUP/OFFICE SYMBOL	INSTITUTION (if not 59 MDW)
a. Primary/Corresponding Author Walton, Douglas B.	O-3, Capt	959th CSPA/959th Group/SGVT	
b. Stockinger, Theresa I.	O-3, Capt	959th CSPA/959th Group/SGVT	
c. Brady, Robert O.	O-4, Maj	959th CSPA/959th Group/CCVAH	
d. Will, Micah D.	O-4, Maj	959th CSPA/959th Group/CCVAH	
e.			
f.			
I CERTIFY ANY HUMAN OR ANIMAL RESEARCH RELATED STUDIES WERE APPROVED AND PERFORMED IN STRICT ACCORDANCE WITH 32 CFR 219, AFMAN 40-401 JP, AND 59 MDW 41-108. I HAVE READ THE FINAL VERSION OF THE ATTACHED MATERIAL AND CERTIFY THAT IT IS AN ACCURATE MANUSCRIPT FOR PUBLICATION AND/OR PRESENTATION.			
18. AUTHOR'S PRINTED NAME, RANK, GRADE Douglas B. Walton, O-3, Capt		17. AUTHOR'S SIGNATURE 	18. DATE 04 APR 16
19. APPROVING AUTHORITY'S PRINTED NAME, RANK, TITLE Jordan M. Hall MAJ PD		20. APPROVING AUTHORITY'S SIGNATURE 	21. DATE 04 04 16

PROCESSING OF PROFESSIONAL MEDICAL RESEARCH/TECHNICAL PUBLICATIONS/PRESENTATIONS		
1st ENDORSEMENT (59 MDW/SGVU Use Only)		
TO: Clinical Research Division 59 MDW/CRD Contact 292-7141 for email instructions.	22. DATE RECEIVED 4/5/2016	23. ASSIGNED PROCESSING REQUEST FILE NUMBER 16155
24. DATE REVIEWED 5 APR 2016	25. DATE FORWARDED TO 502 ISG/JAC	
26. AUTHOR CONTACTED FOR RECOMMENDED OR NECESSARY CHANGES: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES If yes, give date. <input type="checkbox"/> N/A		
27. COMMENTS <input checked="" type="checkbox"/> APPROVED <input type="checkbox"/> DISAPPROVED  The abstract is approved.		
28. PRINTED NAME, RANK/GRADE, TITLE OF REVIEWER Rocky CALCOTE, PhD CLINICAL RESEARCH ADMINISTRATOR	29. REVIEWER SIGNATURE Rocky Calcote	30. DATE 5 Apr 2016
2nd ENDORSEMENT (502 ISG/JAC Use Only)		
31. DATE RECEIVED	32. DATE FORWARDED TO 59 MDW/PA	
33. COMMENTS <input checked="" type="checkbox"/> APPROVED (In compliance with security and policy review directives.) <input type="checkbox"/> DISAPPROVED		
34. PRINTED NAME, RANK/GRADE, TITLE OF REVIEWER Artem R Christilles GS-14, Chief, Liaison	35. REVIEWER SIGNATURE Artem R Christilles	36. DATE 11 Apr 16
3rd ENDORSEMENT (59 MDW/PA Use Only)		
37. DATE RECEIVED	38. DATE FORWARDED TO 59 MDW/SGVU	
39. COMMENTS <input type="checkbox"/> APPROVED (In compliance with security and policy review directives.) <input type="checkbox"/> DISAPPROVED		
40. PRINTED NAME, RANK/GRADE, TITLE OF REVIEWER	41. REVIEWER SIGNATURE	42. DATE
4th ENDORSEMENT (59 MDW/SGVU Use Only)		
43. DATE RECEIVED	44. SENIOR AUTHOR NOTIFIED BY PHONE OF APPROVAL OR DISAPPROVAL <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> COULD NOT BE REACHED <input type="checkbox"/> LEFT MESSAGE	
45. COMMENTS <input type="checkbox"/> APPROVED <input type="checkbox"/> DISAPPROVED		
46. PRINTED NAME, RANK/GRADE, TITLE OF REVIEWER	47. REVIEWER SIGNATURE	48. DATE



<b>PROCESSING OF PROFESSIONAL MEDICAL RESEARCH/TECHNICAL PUBLICATIONS/PRESENTATIONS</b>			
<b>1st ENDORSEMENT (59 MDW/SGVU Use Only)</b>			
TO: Clinical Research Division 59 MDW/CRD Contact 292-7141 for email instructions.	22. DATE RECEIVED <div style="font-size: 1.2em;">4/5/2016</div>	23. ASSIGNED PROCESSING REQUEST FILE NUMBER <div style="font-size: 1.2em;">16155</div>	
24. DATE REVIEWED <div style="font-size: 1.2em;">5 APR 2016</div>		25. DATE FORWARDED TO 502 ISG/JAC	
26. AUTHOR CONTACTED FOR RECOMMENDED OR NECESSARY CHANGES: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES If yes, give date. <input type="checkbox"/> N/A			
27. COMMENTS <input checked="" type="checkbox"/> APPROVED <input type="checkbox"/> DISAPPROVED  <div style="font-style: italic;">The abstract is approved.</div>			
28. PRINTED NAME, RANK/GRADE, TITLE OF REVIEWER <div style="font-style: italic;">Rocky CALCOTE, PhD CLINICAL RESEARCH ADMINISTRATOR</div>		29. REVIEWER SIGNATURE <div style="font-style: italic;">Rocky Calcote</div>	30. DATE <div style="font-style: italic;">5 Apr 2016</div>
<b>2nd ENDORSEMENT (502 ISG/JAC Use Only)</b>			
31. DATE RECEIVED		32. DATE FORWARDED TO 59 MDW/PA	
33. COMMENTS <input type="checkbox"/> APPROVED (In compliance with security and policy review directives.) <input type="checkbox"/> DISAPPROVED			
34. PRINTED NAME, RANK/GRADE, TITLE OF REVIEWER		35. REVIEWER SIGNATURE	36. DATE
<b>3rd ENDORSEMENT (59 MDW/PA Use Only)</b>			
37. DATE RECEIVED <div style="font-size: 1.2em;">13-Apr-16</div>		38. DATE FORWARDED TO 59 MDW/SGVU <div style="font-size: 1.2em;">18-Apr-16</div>	
39. COMMENTS <input checked="" type="checkbox"/> APPROVED (In compliance with security and policy review directives.) <input type="checkbox"/> DISAPPROVED			
40. PRINTED NAME, RANK/GRADE, TITLE OF REVIEWER <div style="font-size: 1.2em;">Kevin Iinuma, SSgt/E5, 59MDW Public Affairs</div>		41. REVIEWER SIGNATURE <div style="font-size: 0.8em;">IINUMA,KEVIN.MITSUGU.12962 27613</div> <div style="font-size: 0.7em;">Digitally signed by IINUMA,KEVIN.MITSUGU.1296227613 DN: cn=I, ou=U.S. Government, ou=DoD, ou=PA, ou=5AF, c=US, email=IINUMA,KEVIN.MITSUGU.1296227613 Date: 2016.04.18 18:27:07 -0500</div>	42. DATE <div style="font-size: 1.2em;">18-Apr-16</div>
<b>4th ENDORSEMENT (59 MDW/SGVU Use Only)</b>			
43. DATE RECEIVED		44. SENIOR AUTHOR NOTIFIED BY PHONE OF APPROVAL OR DISAPPROVAL <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> COULD NOT BE REACHED <input type="checkbox"/> LEFT MESSAGE	
45. COMMENTS <input type="checkbox"/> APPROVED <input type="checkbox"/> DISAPPROVED			
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**CLINICAL RESEARCH BLDG # 4430, Lackland AFB**

**DAY 1**

**WEDNESDAY APRIL 20, 2016**

**0700-0715: Welcome and Course Overview (Col Richard Strilka)**

**0715-0915: Lab One: Vascular Exposure of Upper Extrem (Col Lorne Blackbourne) and Lower Extrem (Col Kurt Edwards) and Fasciotomies**

<b>Table One Instructor COL Lorne Blackbourne</b>	<b>Table Two Instructor Col Richard Strilka</b>	<b>Table Three Instructor LTC Tyson Becker</b>	<b>Table Four Instructor COL Kurt Edwards</b>
Babcock, Jason MAJ GS	Rizzo, Julie MAJ Burn Surg	Koenig, Justin Capt GS	McNally, Michael CDR GS
Galusha, Andrew Capt GS	Dowd, Thomas MAJ Ortho	Drake, Matthew Maj Ortho	Gurney, Jennifer LTC Surg
Borden, Nathan MAJ Surg		Duke, Duane LTC Med Dir	
<b>OBSERVER</b>	<b>OBSERVER</b>	<b>OBSERVER</b>	<b>OBSERVER</b>
Manning, Angela Maj CC/NP	McMahon, Ryan CPT GS PA	Workman, Mary Maj Ortho PA	Urdaneta, Alfredo MAJ CC
Conanan, Emmanuel LCDR FP	Seymour, Matthew CDR Anesth	Hickerson, Yorel LCDR ER	Collins, Jason MAJ ER PA
			Woods, Terrance COL ENT

**0915-0930: Break**

**0930-1130: Lab Two: Vascular Exposure of Neck (COL Lorne Blackbourne), Thorax & Root of the Neck (LTC Tyson Becker)**

**1130-1215: Lunch**

**1215-1415: Lab Three: Vascular Exposure of the Pelvis (COL Kurt Edwards) and Abdomen (Col Richard Strilka)**

**1415-1430: Break**

**1430-1515: Lab Four**

<b>Table One Canthotomies Instr: Capt Andrew Lewis Neuro Instr: LtCol Sven Hochheimer</b>	<b>Table Two Canthotomies Instr: Capt Andrew Lewis Neuro Instr: LtCol Sven Hochheimer</b>	<b>Table Three Ex Fix/Amputation/Fasc Instructor LtCol Michael Charlton</b>	<b>Table Four Ex Fix/Amputation/Fasc Instructor LtCol Michael Charlton</b>
Babcock, Jason MAJ GS	Rizzo, Julie MAJ Burn Surg	Koenig, Justin Capt GS	McNally, Michael CDR GS
Galusha, Andrew Capt GS	Dowd, Thomas MAJ Ortho	Drake, Matthew Maj Ortho	Gurney, Jennifer LTC Surg
Borden, Nathan MAJ Surg	McMahon, Ryan CPT GS PA	Duke, Duane LTC Med Dir	Urdaneta, Alfredo MAJ CC
Manning, Angela Maj CC/NP	Seymour, Matthew CDR Anesth	Workman, Mary Maj Ortho PA	Collins, Jason MAJ ER PA
Conanan, Emmanuel LCDR FP		Hickerson, Yorel LCDR ER	Woods, Terrance COL ENT

**1515-1600: Lab Four (continued)**

<b>Table One Ex Fix/Amputation/Fasc Instructor LtCol Michael Charlton</b>	<b>Table Two Ex Fix/Amputation/Fasc Instructor LtCol Michael Charlton</b>	<b>Table Three Canthotomies Instr: Capt Andrew Lewis Neuro Instr: LtCol Sven Hochheimer</b>	<b>Table Four Canthotomies Instr: Capt Andrew Lewis Neuro Instr: LtCol Sven Hochheimer</b>
Babcock, Jason MAJ GS	Rizzo, Julie MAJ Burn Surg	Koenig, Justin Capt GS	McNally, Michael CDR GS
Galusha, Andrew Capt GS	Dowd, Thomas MAJ Ortho	Drake, Matthew Maj Ortho	Gurney, Jennifer LTC Surg
Borden, Nathan MAJ Surg	McMahon, Ryan CPT GS PA	Duke, Duane LTC Med Dir	Urdaneta, Alfredo MAJ CC
Manning, Angela Maj CC/NP	Seymour, Matthew CDR Anesth	Workman, Mary Maj Ortho PA	Collins, Jason MAJ ER PA
Conanan, Emmanuel LCDR FP		Hickerson, Yorel LCDR ER	Woods, Terrance COL ENT

**1600-1700: Post-Test and completion of Forms**

**1700-1715: Faculty Meeting**

**1715: Adjourn**

**EMERGENCY WAR SURGERY COURSE**  
**APRIL 20-22, 2016**  
**WILFORD HALL AMBULATORY SURGICAL CENTER**

*Lectures – General Surgery Clinic  
(Basement) Room BL05*

**DAY 2**

**THURSDAY APRIL 21, 2016**

0700-0730	Registration	9 <sup>th</sup> Floor Classroom A
0730-0745	Course Introduction	Col Richard Strilka
0745-0815	War Wounds	Col Richard Strilka
0815-0845	Face and Neck	Maj Travis Newberry
0845-0915	Ocular Injuries Head Injuries	Capt Andrew Lewis
0915-0925	Break	
0925-1010	Head Trauma	Maj Scott Phillips
1010-1040	Spine Injury Management	Maj Scott Phillips
1040-1110	Damage Control Concepts and Principles	Col Richard Strilka
1110-1155	Abdominal Injuries	LtCol Shawnn Nichols
1155-1225	Thoracic Trauma	LtCol Shawnn Nichols
1225-1310	Lunch	
1310-1345	Combat Blood Banking	LtCol Daniel Walker
1345-1415	Soft Tissue Injuries	LtCol Michael Charlton
1415-1445	Pelvic Injury Management	LtCol Michael Charlton
1445-1515	Extremity Fracture Management	LtCol Michael Charlton
1515-1545	Amputations	LtCol Michael Charlton
1545-1555	Break	
1555-1630	Pediatric Trauma	COL Kurt Edwards
1630-1705	Peripheral Vascular Injuries	COL Kurt Edwards



**EMERGENCY WAR SURGERY COURSE**  
**APRIL 20-22, 2016**  
**WILFORD HALL AMBULATORY SURGICAL CENTER**

**DAY 3**

**FRIDAY, APRIL 22, 2016**

**SURGEONS**

Animal Labs – Clinical Research Building #4430  
(Behind WHASC Auditorium)

0730-1045	Animal Salvage Labs (Clinical Research Bldg-4 Pigs) Exploratory Lab Splenectomy Liver Damage Control Small Bowel Resection Renal and Urethral Repairs/Nephrectomy Vascular Control and shunt repair Cardiothoracic exposures	COL Kirby Gross-CD COL Kurt Edwards LtCol Shawnn Nichols COL Loren Blackbourne COL Booker King
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**NON-SURGEONS/NURSES**

Trauma Simulation Cases/Skills Stations  
3<sup>rd</sup> Floor Simulation Center Room 3D05

0730-1045	Trauma Simulations	Maj Alfredo Urdaneta LtCol Nurani Kester Col Mark Antonacci
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**ALL PARTICIPANTS**

Lectures-General Surgery Clinic (Basement)  
Room BL05

1100-1145	Lunch	
1145-1230	Shock and Resuscitation	LtCol Nurani Kester
1230-1300	Mass Casualty and Triage	LtCol Nurani Kester
1300-1400	Burns	COL Booker King
1400- 1430	Field Critical Care	LTC Tyson Becker
1430-1440	Break	
1440-1510	EnRoute Care	Col Richard Strilka
1510-1540	Military Trauma Systems	Col Richard Strilka
1540-1600	Post Course Test/Critiques/Certificates	Col Richard Strilka

**A Case of Epidermal Nevus Syndrome with a Novel Association of Congenital Cystic Dysplastic Kidney with Numerous Nephroblastic Proliferations**

**Douglas B. Walton, MD** (douglas.b.walton.mil@mail.mil); Theresa I. Stockinger, MD; Robert O. Brady, MD; Micah D. Will, MD. Department of Pathology and Area Laboratory Services, San Antonio Military Medical Center, Fort Sam Houston, TX.

Epidermal nevus syndrome is a broad term encompassing several disease processes. These entities are united by their association with epidermal nevi and extracutaneous abnormalities. Renal aberrancies associated with this syndrome include nephroblastoma, hamartomas, hypoplasia, and renal agenesis. However, there are no well-described, documented cases of dysplastic kidney with cystic nephroblastic proliferation associated with epidermal nevus syndrome. We present a unique case of a female neonate with a medical history significant for seizure-like activity, a hyperplastic thyroid nodule, aortic coarctation, patent ductus arteriosus, and epidermal nevus syndrome. On the third day of life the patient had an abdominal ultrasound that demonstrated an enlarged left kidney predominately replaced by small cysts with intervening echogenic tissue. Pre-operative considerations included nephroblastoma, congenital mesoblastic nephroma, and dysplastic kidney. On gross examination following nephrectomy, the capsular surface was covered by small clear fluid-filled cysts ranging in size from 0.1 cm to 0.8 cm in diameter. Sectioning of the kidney revealed multicystic and unicystic areas with intervening renal parenchyma. Histologically, the cysts were lined by cuboidal epithelium with associated nests of nephroblastic epithelium that projected into the cystic lumina and were present in the intervening parenchyma (Figure). This epithelium is comprised of crowded cells with a high nuclear to cytoplasm ratio, nuclear molding, and dispersed chromatin with occasional nucleoli. Lesional cells were immunoreactive for WT-1. The histologic appearance was concerning for cystic nephroblastoma but expert opinions favored dysplastic cysts with nephroblastic proliferations. At fourteen months post-operative follow-up the patient is well with appropriate development for age.

The view(s) expressed herein are those of the author(s) and do not reflect the official policy or position of Brooke Army Medical Center, the U.S. Army Medical Department, the U.S. Army Office of the Surgeon General, the Department of the Air Force, the Department of the Army or the Department of Defense or the U.S. Government.



## Dr. Goodman (Per Sheep)

### **Instruments**

Sheep Set

### **Supplies**

Minor Pack

Split Drape x 2

15 blades x 2

Stapler

Laps x 1

Gowns x 2

Chloraprep x 2

Ioban

Sterile 4 x 4

Coban

Towels

### **Suture**

2-0 Vicryl (CT-1)

3-0 Monocryl

0 Prolene

### **Medications**

Bacitracin

## **Instruments Needed**

Weitlander x 1

Army Navy x 1

Sharp Senn x 2

Freer x 1

8 Fr Frazier Suction x 1

10 Fr Frazier Suction x 1

Adson w/ Teeth x 2

Rat Tooth FX x 2

Debakey x 1

Crile x 2

Kelly x 2

Kocher x 2

Needle Holder x 2 (1 fine and 1 heavy)

Metz Scissor x 1

Suture Scissor x 1



